

Measured Depth (ft)	Sub-Sea Incl. (ft)	Vertical Azim. (ft)	True Vert Depth (ft)	Northings (+) Southings (-)		Eastings (+) Westings (-)		Vertical Section (ft)	FNL FSL FWL FEL			
				(ft)	(ft)	(ft)	(ft)		(ft)	(ft)	(ft)	(ft)
SHL	0	0	0	0	0	0	0	0	200.00	5080.00	660.00	4670.00
BHL	9183	91.60	181.40	4835.95	-4753.29	44.57	4753.49	4670.00	4953.29	326.71	704.57	4625.43
Miss Entry	5010	70.86	181.23	4770.06	-586.49	12.26	586.59	4657.74	786.49	4493.51	672.26	4657.74
Top Perf	5022	72.27	181.53	4774.07	-597.79	12.02	597.89	4657.98	797.79	4482.21	672.02	4657.98
Bottom Perf	9080	91.28	180.98	4838.61	-4650.35	46.74	4650.58	4623.26	4850.35	429.65	706.74	4623.26

Measured Depth (ft)	Sub-Sea Incl. (ft)	Vertical Azim. (ft)	True Vert Depth (ft)	Northings (+) Southings (-)		Eastings (+) Westings (-)		Vertical Section (ft)	FNL FSL FWL FEL			
				(ft)	(ft)	(ft)	(ft)		(ft)	(ft)	(ft)	(ft)
0	0	0	0	0	0	0	0	0	200.00	5080.00	660.00	4670.00
958	0.10	165.10	958.00	-0.81	0.21	0.21	0.81	4669.79	200.81	5079.19	660.21	4669.79
1433	0.20	0.80	1433.00	-0.38	0.33	0.33	0.38	4669.67	200.38	5079.62	660.33	4669.67
1909	0.50	137.40	1908.99	-1.08	1.75	1.75	1.10	4668.25	201.08	5078.92	661.75	4668.25
2385	0.50	147.70	2384.98	-4.36	4.27	4.27	4.41	4665.73	204.36	5075.64	664.27	4665.73
2861	0.40	193.60	2860.96	-7.73	4.99	4.99	7.79	4665.01	207.73	5072.27	664.99	4665.01
3338	0.30	246.10	3337.95	-9.86	3.45	3.45	9.90	4666.55	209.86	5070.14	663.45	4666.55
3433	0.10	83.40	3432.95	-9.95	3.31	3.31	9.98	4666.69	209.95	5070.05	663.31	4666.69
3528	0.10	151.90	3527.95	-10.01	3.43	3.43	10.05	4666.57	210.01	5069.99	663.43	4666.57
3623	0.20	151.50	3622.95	-10.23	3.55	3.55	10.27	4666.45	210.23	5069.77	663.55	4666.45
3718	0.10	53.20	3717.95	-10.33	3.69	3.69	10.37	4666.31	210.33	5069.67	663.69	4666.31
3813	0.30	149.90	3812.95	-10.49	3.88	3.88	10.54	4666.12	210.49	5069.51	663.88	4666.12
3908	1.10	174.50	3907.95	-11.61	4.10	4.10	11.66	4665.90	211.61	5068.39	664.10	4665.90
3940	2.20	174.10	3939.93	-12.53	4.19	4.19	12.58	4665.81	212.53	5067.47	664.19	4665.81
3972	4.00	179.10	3971.88	-14.26	4.27	4.27	14.31	4665.73	214.26	5065.74	664.27	4665.73
4003	4.20	182.50	4002.80	-16.47	4.24	4.24	16.52	4665.76	216.47	5063.53	664.24	4665.76
4035	5.80	180.10	4034.68	-19.26	4.18	4.18	19.31	4665.82	219.26	5060.74	664.18	4665.82
4067	8.40	182.30	4066.43	-23.21	4.09	4.09	23.26	4665.91	223.21	5056.79	664.09	4665.91
4099	10.90	177.10	4097.98	-28.57	4.14	4.14	28.62	4665.86	228.57	5051.43	664.14	4665.86
4130	12.50	173.70	4128.33	-34.84	4.66	4.66	34.89	4665.34	234.84	5045.16	664.66	4665.34
4162	13.50	167.90	4159.51	-41.93	5.82	5.82	41.99	4664.18	241.93	5038.07	665.82	4664.18
4194	14.50	168.40	4190.56	-49.51	7.41	7.41	49.59	4662.59	249.51	5030.49	667.41	4662.59
4225	16.40	169.60	4220.44	-57.61	8.98	8.98	57.71	4661.02	257.61	5022.39	668.98	4661.02
4257	18.30	170.00	4250.98	-67.00	10.67	10.67	67.12	4659.33	267.00	5013.00	670.67	4659.33
4289	21.20	171.30	4281.10	-77.67	12.42	12.42	77.81	4657.58	277.67	5002.33	672.42	4657.58
4321	23.40	175.30	4310.71	-89.73	13.82	13.82	89.88	4656.18	289.73	4990.27	673.82	4656.18
4353	26.60	178.60	4339.71	-103.23	14.51	14.51	103.39	4655.49	303.23	4976.77	674.51	4655.49

4384	30.20	180.20	4366.97	-117.97	14.65	118.13	317.97	4962.03	674.65	4655.35
4416	33.40	181.20	4394.16	-134.83	14.44	134.98	334.83	4945.17	674.44	4655.56
4448	36.60	182.00	4420.37	-153.17	13.92	153.32	353.17	4926.83	673.92	4656.08
4480	39.50	182.40	4445.57	-172.88	13.16	173.02	372.88	4907.12	673.16	4656.84
4512	42.60	182.60	4469.70	-193.87	12.25	194.00	393.87	4886.13	672.25	4657.75
4543	44.80	181.80	4492.11	-215.27	11.43	215.39	415.27	4864.73	671.43	4658.57
4575	46.90	181.70	4514.40	-238.22	10.73	238.32	438.22	4841.78	670.73	4659.27
4607	49.50	181.10	4535.73	-262.06	10.15	262.16	462.06	4817.94	670.15	4659.85
4638	50.60	180.80	4555.63	-285.83	9.75	285.92	485.83	4794.17	669.75	4660.25
4670	50.00	180.40	4576.07	-310.44	9.49	310.53	510.44	4769.56	669.49	4660.51
4702	49.60	180.00	4596.73	-334.89	9.41	334.97	534.89	4745.11	669.41	4660.59
4734	49.50	180.10	4617.49	-359.24	9.39	359.32	559.24	4720.76	669.39	4660.61
4765	48.70	179.30	4637.78	-382.67	9.51	382.75	582.67	4697.33	669.51	4660.49
4797	48.30	179.30	4658.99	-406.63	9.80	406.72	606.63	4673.37	669.80	4660.20
4829	50.00	179.20	4679.92	-430.83	10.12	430.92	630.83	4649.17	670.12	4659.88
4861	52.80	178.30	4699.88	-455.83	10.67	455.93	655.83	4624.17	670.67	4659.33
4893	56.50	177.70	4718.39	-481.91	11.58	482.01	681.91	4598.09	671.58	4658.42
4924	60.20	178.70	4734.66	-508.29	12.41	508.39	708.29	4571.71	672.41	4657.59
4956	64.00	179.80	4749.63	-536.56	12.77	536.67	736.56	4543.44	672.77	4657.23
4989	68.30	180.70	4762.97	-566.73	12.64	566.84	766.73	4513.27	672.64	4657.36
5021	72.20	181.50	4773.78	-596.84	12.06	596.94	796.84	4483.16	672.06	4657.94
5053	74.30	182.50	4783.00	-627.46	10.99	627.54	827.46	4452.54	670.99	4659.01
5084	76.70	182.30	4790.76	-657.44	9.73	657.51	857.44	4422.56	669.73	4660.27
5116	79.60	182.20	4797.33	-688.73	8.50	688.79	888.73	4391.27	668.50	4661.50
5148	81.90	181.90	4802.48	-720.30	7.37	720.33	920.30	4359.70	667.37	4662.63
5180	83.80	181.20	4806.46	-752.03	6.51	752.06	952.03	4327.97	666.51	4663.49
5274	86.90	179.40	4814.08	-845.71	6.02	845.72	1045.71	4234.29	666.02	4663.98
5306	86.90	179.40	4815.81	-877.66	6.36	877.67	1077.66	4202.34	666.36	4663.64
5338	86.70	179.50	4817.60	-909.61	6.67	909.62	1109.61	4170.39	666.67	4663.33
5370	87.90	179.40	4819.10	-941.57	6.97	941.59	1141.57	4138.43	666.97	4663.03
5402	88.30	179.30	4820.16	-973.55	7.34	973.57	1173.55	4106.45	667.34	4662.66
5434	89.60	179.20	4820.75	-1005.54	7.75	1005.56	1205.54	4074.46	667.75	4662.25
5466	90.20	178.90	4820.81	-1037.54	8.28	1037.56	1237.54	4042.46	668.28	4661.72
5498	90.50	178.50	4820.61	-1069.53	9.01	1069.56	1269.53	4010.47	669.01	4660.99
5530	90.60	178.20	4820.30	-1101.51	9.93	1101.55	1301.51	3978.49	669.93	4660.07
5562	89.70	178.00	4820.22	-1133.49	10.99	1133.55	1333.49	3946.51	670.99	4659.01
5594	89.50	177.60	4820.44	-1165.47	12.22	1165.53	1365.47	3914.53	672.22	4657.78
5626	89.20	177.40	4820.81	-1197.44	13.62	1197.52	1397.44	3882.56	673.62	4656.38
5657	89.30	177.10	4821.21	-1228.40	15.10	1228.49	1428.40	3851.60	675.10	4654.90
5689	89.30	176.80	4821.60	-1260.35	16.81	1260.46	1460.35	3819.65	676.81	4653.19

5721	89.90	176.20	4821.83	-1292.29	18.76	1292.42	1492.29	3787.71	678.76	4651.24
5753	89.70	175.90	4821.94	-1324.21	20.96	1324.37	1524.21	3755.79	680.96	4649.04
5785	89.00	176.30	4822.30	-1356.14	23.14	1356.31	1556.14	3723.86	683.14	4646.86
5817	88.50	177.70	4823.00	-1388.09	24.82	1388.28	1588.09	3691.91	684.82	4645.18
5849	89.00	177.30	4823.70	-1420.05	26.21	1420.25	1620.05	3659.95	686.21	4643.79
5881	88.80	177.70	4824.31	-1452.01	27.61	1452.23	1652.01	3627.99	687.61	4642.39
5913	88.30	178.60	4825.12	-1483.98	28.64	1484.21	1683.98	3596.02	688.64	4641.36
5945	88.40	178.80	4826.04	-1515.96	29.36	1516.20	1715.96	3564.04	689.36	4640.64
5977	88.30	179.80	4826.96	-1547.95	29.76	1548.18	1747.95	3532.05	689.76	4640.24
6009	88.30	179.80	4827.91	-1579.93	29.87	1580.17	1779.93	3500.07	689.87	4640.13
6041	88.40	179.80	4828.83	-1611.92	29.98	1612.15	1811.92	3468.08	689.98	4640.02
6073	88.80	180.30	4829.62	-1643.91	29.95	1644.14	1843.91	3436.09	689.95	4640.05
6105	89.90	180.60	4829.98	-1675.91	29.70	1676.13	1875.91	3404.09	689.70	4640.30
6136	89.70	180.70	4830.09	-1706.90	29.35	1707.13	1906.90	3373.10	689.35	4640.65
6168	89.60	180.60	4830.28	-1738.90	28.99	1739.12	1938.90	3341.10	688.99	4641.01
6200	88.90	180.70	4830.70	-1770.90	28.62	1771.11	1970.90	3309.10	688.62	4641.38
6232	89.60	180.40	4831.12	-1802.89	28.31	1803.10	2002.89	3277.11	688.31	4641.69
6264	91.00	180.50	4830.95	-1834.89	28.06	1835.09	2034.89	3245.11	688.06	4641.94
6296	91.20	180.90	4830.34	-1866.88	27.67	1867.07	2066.88	3213.12	687.67	4642.33
6328	91.40	180.70	4829.61	-1898.87	27.23	1899.06	2098.87	3181.13	687.23	4642.77
6360	91.10	180.60	4828.91	-1930.86	26.86	1931.04	2130.86	3149.14	686.86	4643.14
6392	91.00	180.70	4828.33	-1962.85	26.50	1963.03	2162.85	3117.15	686.50	4643.50
6424	89.90	180.90	4828.08	-1994.85	26.05	1995.01	2194.85	3085.15	686.05	4643.95
6456	89.70	180.70	4828.19	-2026.84	25.61	2027.00	2226.84	3053.16	685.61	4644.39
6488	89.10	180.10	4828.52	-2058.84	25.38	2059.00	2258.84	3021.16	685.38	4644.62
6519	89.10	179.90	4829.01	-2089.84	25.38	2089.99	2289.84	2990.16	685.38	4644.62
6551	89.10	179.90	4829.51	-2121.83	25.44	2121.99	2321.83	2958.17	685.44	4644.56
6583	89.20	180.00	4829.99	-2153.83	25.47	2153.98	2353.83	2926.17	685.47	4644.53
6615	89.50	180.30	4830.35	-2185.83	25.38	2185.97	2385.83	2894.17	685.38	4644.62
6647	89.60	180.10	4830.60	-2217.83	25.27	2217.97	2417.83	2862.17	685.27	4644.73
6679	89.40	180.10	4830.88	-2249.82	25.22	2249.97	2449.82	2830.18	685.22	4644.78
6711	89.20	180.20	4831.27	-2281.82	25.13	2281.96	2481.82	2798.18	685.13	4644.87
6743	89.40	180.20	4831.66	-2313.82	25.02	2313.95	2513.82	2766.18	685.02	4644.98
6775	89.50	180.20	4831.97	-2345.82	24.91	2345.95	2545.82	2734.18	684.91	4645.09
6806	89.10	179.50	4832.35	-2376.82	24.99	2376.95	2576.82	2703.18	684.99	4645.01
6838	89.10	179.10	4832.85	-2408.81	25.38	2408.94	2608.81	2671.19	685.38	4644.62
6870	88.90	179.10	4833.41	-2440.80	25.88	2440.94	2640.80	2639.20	685.88	4644.12
6902	88.60	179.60	4834.11	-2472.79	26.25	2472.93	2672.79	2607.21	686.25	4643.75
6934	89.20	179.10	4834.72	-2504.78	26.61	2504.92	2704.78	2575.22	686.61	4643.39
6966	89.70	179.20	4835.03	-2536.78	27.08	2536.92	2736.78	2543.22	687.08	4642.92

6998	89.70	178.80	4835.20	-2568.77	27.64	2568.92	2768.77	2511.23	687.64	4642.36
7030	89.00	179.30	4835.56	-2600.76	28.17	2600.92	2800.76	2479.24	688.17	4641.83
7062	89.50	178.70	4835.98	-2632.76	28.73	2632.91	2832.76	2447.24	688.73	4641.27
7094	89.80	178.70	4836.18	-2664.75	29.46	2664.91	2864.75	2415.25	689.46	4640.54
7126	89.90	178.90	4836.26	-2696.74	30.13	2696.91	2896.74	2383.26	690.13	4639.87
7159	89.90	179.20	4836.32	-2729.74	30.67	2729.91	2929.74	2350.26	690.67	4639.33
7191	89.40	179.50	4836.51	-2761.73	31.04	2761.91	2961.73	2318.27	691.04	4638.96
7223	89.20	179.70	4836.90	-2793.73	31.26	2793.91	2993.73	2286.27	691.26	4638.74
7254	89.50	179.20	4837.25	-2824.73	31.56	2824.90	3024.73	2255.27	691.56	4638.44
7286	89.60	179.30	4837.51	-2856.72	31.98	2856.90	3056.72	2223.28	691.98	4638.02
7318	89.50	179.60	4837.76	-2888.72	32.28	2888.90	3088.72	2191.28	692.28	4637.72
7350	89.90	179.70	4837.92	-2920.72	32.48	2920.90	3120.72	2159.28	692.48	4637.52
7382	89.90	179.80	4837.98	-2952.72	32.62	2952.90	3152.72	2127.28	692.62	4637.38
7414	88.80	178.90	4838.34	-2984.71	32.98	2984.90	3184.71	2095.29	692.98	4637.02
7446	88.90	178.80	4838.99	-3016.70	33.62	3016.89	3216.70	2063.30	693.62	4636.38
7478	89.00	178.80	4839.57	-3048.69	34.29	3048.88	3248.69	2031.31	694.29	4635.71
7509	88.90	179.10	4840.14	-3079.68	34.86	3079.88	3279.68	2000.32	694.86	4635.14
7541	89.20	179.20	4840.67	-3111.67	35.34	3111.87	3311.67	1968.33	695.34	4634.66
7573	89.30	178.60	4841.09	-3143.66	35.95	3143.87	3343.66	1936.34	695.95	4634.05
7605	89.40	178.60	4841.45	-3175.65	36.73	3175.86	3375.65	1904.35	696.73	4633.27
7637	89.80	178.30	4841.68	-3207.64	37.60	3207.86	3407.64	1872.36	697.60	4632.40
7669	89.10	178.20	4841.98	-3239.62	38.58	3239.85	3439.62	1840.38	698.58	4631.42
7701	89.10	178.30	4842.49	-3271.60	39.55	3271.84	3471.60	1808.40	699.55	4630.45
7733	88.80	178.40	4843.07	-3303.58	40.47	3303.83	3503.58	1776.42	700.47	4629.53
7765	88.70	178.60	4843.77	-3335.56	41.31	3335.82	3535.56	1744.44	701.31	4628.69
7797	89.50	178.60	4844.27	-3367.55	42.09	3367.81	3567.55	1712.45	702.09	4627.91
7829	89.80	178.00	4844.47	-3399.54	43.04	3399.81	3599.54	1680.46	703.04	4626.96
7861	89.90	177.90	4844.55	-3431.52	44.19	3431.80	3631.52	1648.48	704.19	4625.81
7893	89.70	178.90	4844.66	-3463.50	45.08	3463.79	3663.50	1616.50	705.08	4624.92
7925	89.30	179.40	4844.94	-3495.50	45.56	3495.79	3695.50	1584.50	705.56	4624.44
7957	90.00	179.80	4845.14	-3527.50	45.78	3527.79	3727.50	1552.50	705.78	4624.22
7989	90.00	180.20	4845.14	-3559.50	45.78	3559.79	3759.50	1520.50	705.78	4624.22
8021	90.00	180.20	4845.14	-3591.50	45.67	3591.78	3791.50	1488.50	705.67	4624.33
8053	89.80	180.50	4845.19	-3623.49	45.47	3623.78	3823.49	1456.51	705.47	4624.53
8084	89.80	180.40	4845.30	-3654.49	45.23	3654.77	3854.49	1425.51	705.23	4624.77
8116	89.70	180.70	4845.44	-3686.49	44.92	3686.76	3886.49	1393.51	704.92	4625.08
8148	90.00	180.20	4845.53	-3718.49	44.67	3718.76	3918.49	1361.51	704.67	4625.33
8244	89.80	179.90	4845.69	-3814.49	44.59	3814.75	4014.49	1265.51	704.59	4625.41
8340	88.80	179.40	4846.87	-3910.48	45.17	3910.74	4110.48	1169.52	705.17	4624.83
8435	89.70	180.20	4848.11	-4005.47	45.50	4005.73	4205.47	1074.53	705.50	4624.50

8531	89.90	179.40	4848.45	-4101.47	45.84	4101.72	4301.47	978.53	705.84	4624.16
8627	91.00	179.20	4847.69	-4197.46	47.01	4197.72	4397.46	882.54	707.01	4622.99
8723	91.20	179.40	4845.85	-4293.43	48.18	4293.70	4493.43	786.57	708.18	4621.82
8818	91.00	180.20	4844.02	-4388.41	48.52	4388.68	4588.41	691.59	708.52	4621.48
8914	91.00	180.40	4842.35	-4484.40	48.01	4484.65	4684.40	595.60	708.01	4621.99
9010	91.50	180.10	4840.26	-4580.37	47.59	4580.62	4780.37	499.63	707.59	4622.41
9106	91.20	181.30	4837.99	-4676.34	46.42	4676.56	4876.34	403.66	706.42	4623.58
9136	91.60	181.40	4837.26	-4706.32	45.72	4706.53	4906.32	373.68	705.72	4624.28
9183	91.60	181.40	4835.95	-4753.29	44.57	4753.49	4953.29	326.71	704.57	4625.43